

Date: Tue, 26 Jul 94 04:30:25 PDT
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V94 #206
To: Ham-Space

Ham-Space Digest Tue, 26 Jul 94 Volume 94 : Issue 206

Today's Topics:

 A0-27, U0-11, U0-15, A0-21 questions (2 msgs)
 Appollo freq's
 Giant leap via A0-21 (2 msgs)
 Jupiter Pictures
 Portable 9600 buad PacSat Station Design
 U0-sats.

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 25 Jul 1994 03:46 CDT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!news.tcu.edu!news.tcu.edu!
nntp@network.ucsd.edu
Subject: A0-27, U0-11, U0-15, A0-21 questions
To: ham-space@ucsd.edu

A0-27:

I worked A0-27 for the first time tonight and noticed something. Is it
usually full of ragchewers that tie up the satellite like they are on
75 meters? Sounded like it was their own personal satellite. Is it on all
the time? Seemed like I had to key up a few times and then there was the
signal all of a sudden. It was up to 23 degrees before I finally heard it.

U0-11, U0-15:

What are these birds used for and what modes do they use? Think I heard
something digital on 145.825 when U0-11 came over but when U0-15 passed,
I heard nothing on 435.120.

A0-21:

Are all transponders active on this? I only heard a beacon on 145.819 and, of course, the digital repeater.

Thanks es 73

myles KG5AI

Date: Mon, 25 Jul 1994 10:21:24
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!csc.ti.com!tilde.csc.ti.com!sislnews.csc.ti.com!ken_durham.sc.ti.com!ken@network.ucsd.edu
Subject: A0-27, U0-11, U0-15, A0-21 questions
To: ham-space@ucsd.edu

In article <1994Jul25.035610.260@news.tcu.edu> barkman@zeta.is.tcu.edu (Myles Barkman - KG5AI) writes:

>> A0-27:
>> I worked A0-27 for the first time tonight and noticed something. Is it
>> usually full of ragchewers that tie up the satellite like they are on
>> 75 meters? Sounded like it was their own personal satellite. Is it on all
>> the time? Seemed like I had to key up a few times and then there was the
>> signal all of a sudden. It was up to 23 degrees before I finally heard it.
>>
>> U0-11, U0-15:
>> What are these birds used for and what modes do they use? Think I heard
>> something digital on 145.825 when U0-11 came over but when U0-15 passed,
>> I heard nothing on 435.120.
>>
>> A0-21:
>> Are all transponders active on this? I only heard a beacon on 145.819
>> and, of course, the digital repeater.
>>
>> Thanks es 73
>>
>> myles KG5AI
>>

Your observation of the type of operation on A0-27 is accurate. I used to work it from my mobile station, but have had to give it up due to the large number of high power base stations with large uplink beams using it for passing recipes etc. On the rare occasions when this satellite is not cluttered, 4 W talkies with rubber duckies can work each other.

A0-21 is much worse because it has been around longer. The regulars on

this one use 40 el uplink beams and 1 KW plus amplifiers. The downlink is 145.987 Mhz FM and the uplink is 435.016 Mhz FM.

For info on the other birds you might pick up a copy of "The Satellite Experimenters Handbook".

Ken K5MBV

Date: Mon, 25 Jul 94 22:02:56 GMT
From: panix!198!mgalatz@uunet.uu.net
Subject: Appollo freq's
To: ham-space@ucsd.edu

What frequencies were used during the Appollo missions for voice and video?
How long did it take to reach Earth from the Moon?

Date: 25 Jul 1994 03:26 CDT
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!convex!news.tcu.edu!news.tcu.edu!
nntp@network.ucsd.edu
Subject: Giant leap via A0-21
To: ham-space@ucsd.edu

In article <30uu08\$reb@aggedor.rmit.EDU.AU>, david@pitvax.xx.rmit.edu.au writes...
>Was this to mark the 25th anniversary of the moon landing or was someone
>in VK playing tricks?
>
>David VK3JKP
It was not a trick. It is a special message that plays twice in a row during
a pass. BTW, does anyone know the schedule for voice/pre-recorded voice/wefax
on A0-21? i.e., is there a certain minute that the repeater comes active?

myles KG5AI

Date: Mon, 25 Jul 1994 11:16:37 +0000
From: ihnp4.ucsd.edu!swrinde!pipex!demon!sectel.com!dave@network.ucsd.edu
Subject: Giant leap via A0-21
To: ham-space@ucsd.edu

In article <30uu08\$reb@aggedor.rmit.EDU.AU> david@pitvax.xx.rmit.edu.au writes:
> I heard an unusual message transmitted by A0-21 on a short, low elevation
> pass this weekend, on the 70cm - 2m FM translator output.
>

> It was unmistakable - Neil Armstrongs immortal words "One small step for
> (a) man, one giant leap for mankind."
>
> Then the satellite went below the horizon and the signal faded into the
> noise.
>
> Was this to mark the 25th anniversary of the moon landing or was someone
> in VK playing tricks?
>
> If the former, then the audio must have been digitally encoded and sent
> to the satellite for playback - another amazing function of the onboard
> DSP.
>
It was spouting all sorts of things to do with the 25th anniversary. I
heard what sounded like fax and packet as well.

Dave

--

Dave Hough
dave@sectel.com
Tel +44 285 655 766 Fax +44 285 655 595

Date: 25 Jul 94 22:15:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: Jupiter Pictures
To: ham-space@ucsd.edu

carrl@gordon-tsd1.army.mil asks:

>Where is best place to download pictures of comets hitting
>jupiter? thks,
>carrl@gordon-tsd1.army.mil

If you have MOSAIC you can get to MEGABYTES of pictures and animated
stuff at:
<http://marvel.stsci.edu/EPA/Comet.html> (case sensitive)

you ftp the pictures from
marvel.stsci.edu

Kevin

Legal stuff:

The above opinions are my own and not necessarily those of the staff, faculty, administration, or lab animals (woof!) of The University of Texas Health Science Center at San Antonio or anyone else who is not me.

Kevin R. Muenzler, WB5RUE
muenzlerk@uthscsa.edu

The University of Texas Health
Science Center at San Antonio,
Department of Computing Resources

** There is no such thing as a Monkey-Proof Program! **
** I can prove it! **

Date: Mon, 25 Jul 1994 06:46:30 GMT
From: ihnp4.ucsd.edu!swrinde!pipex!demon!news@network.ucsd.edu
Subject: Portable 9600 buad PacSat Station Design
To: ham-space@ucsd.edu

In article <775067586.AA01260@afarm.uucp> Ron.Parsons@f40.n382.z1.fidonet.org
(Ron Parsons) writes:
>>Yes there is a version of the broadcast protocol for the Mac, funnily enough
>>it's called "Broadcast." I have version 2 and it was written by IW2CTJ.
>
>Do you have a location where this file can be downloaded?
>
>Ron W5RKN
>

ftp.demon.co.uk /pub/ham/mac

Regards.

Date: 25 Jul 1994 12:56 CDT
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!swrinde!news.uh.edu!elroy.uh.edu!st3qi@network.ucsd.edu
Subject: UO-sats.
To: ham-space@ucsd.edu

Does anyone have a FAQ for the OSCARs? I would like to work them
but I don't have much literature on them. Thanks.

If you have a copy, please end it to st3qi@jetosn.uh.edu. Thanks!

--

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End of Ham-Space Digest V94 #206
